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Efficient Tree-Based Revocation in Groups of Low-State Devices - ▶ [usm.edu](#) [PDF]
 MT Goodrich, JZ Sun, R Tamassia - LECTURE NOTES IN COMPUTER SCIENCE, 2004 - Springer
 ... T with n devices, for zero-state broadcast encryption, the stratified ... T uses $O(\log n)$ keys per device and has $O(\dots)$ where r is the number of revoked devices in the ...
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Efficient self-healing group key distribution with revocation capability - ▶ [ncsu.edu](#) [PDF]
 D Liu, P Ning, K Sun - Proceedings of the 10th ACM conference on Computer and ..., 2003 - portal.acm.org
 ... to other group members and access encrypted broadcast messages. ... tected, such group members will be revoked from the ... to compromise more than t devices to defeat ...
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Revocation and Tracing Schemes for Stateless Receivers - ▶ [hpi-web.de](#) [PDF]
 D Liu, M Naor, J Lotspiech - LECTURE NOTES IN COMPUTER SCIENCE, 2001 - Springer
 ... The area of Broadcast Encryption deals with methods to efficiently ... for the case where the receiver is a device that is ... let r be the size of the revoked set R. ...
 Cited by 335 - Related articles - Web Search - BL Direct - All 22 versions

A Group Key Distribution Scheme with Decentralised User Join
 H Kurnio, R Safavi-Naini, H Wang - LECTURE NOTES IN COMPUTER SCIENCE, 2003 - Springer
 ... Generalisations of broadcast encryption schemes can be found in ... broadcast messages to update the group key for a ... The scheme is designed to revoke a single user ...
 Cited by 12 - Related articles - Web Search - BL Direct - All 4 versions

A DRM security architecture for home networks - ▶ [vu.nl](#) [PDF]
 BC Popescu, B Crispo, AS Tanenbaum, FLAJ Kamperman - Proceedings of the 4th ACM workshop on Digital rights ..., 2004 - portal.acm.org
 ... variations of the basic broadcast encryption scheme have ... number of devices can be revoked without requiring ... mechanism based on individual device authentication ...
 Cited by 35 - Related articles - Web Search - All 7 versions

Protecting Cryptographic Keys: The Trace-and-Revoke Approach - ▶ [weizmann.ac.il](#) [PDF]
 D Naor, M Naor - COMPUTER, 2003 - doi.ieee-computersociety.org
 ... a tracing mechanism to yield a trace-and-revoke scheme ... works by providing it with an encrypted message and ... needed to perform tracing when the device contains the ...
 Cited by 14 - Related articles - Web Search - BL Direct - All 6 versions

Towards a Survivable Security Architecture for Ad-Hoc Networks - ▶ [microsoft.com](#) [PDF]
 T Aura, S Maki - LECTURE NOTES IN COMPUTER SCIENCE, 2002 - Springer
 ... one and transmits or receives a message encrypted or authenticated ... stops paying for a service, a device is stolen ... way, it is never necessary to revoke the group ...
 Cited by 14 - Related articles - Web Search - BL Direct - All 9 versions

Digital rights management in consumer electronics products
 W Jonker, JP Linnartz - Signal Processing Magazine, IEEE, 2004 - ieeexplore.ieee.org

... Compromised devices can be excluded (ie, revoked) by distributing a ... Each device in the home network is equipped ... the key to decrypt the encrypted content stream ...

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[PS] ►GSFS {a New Group-Aware Cryptographic File System

C Eckert, F Erhard, J Geiger - Proceedings of SEC2000 World Computer Congress, 2000 - informatik.uni-bremen.de

... has a dedicated owner who may grant and revoke access privileges ... uses a file system to store encrypted data rather than using a device driver directly. ...

Cited by 6 - Related articles - View as HTML - Web Search - All 4 versions

Implementing group signature schemes with smart cards

S Canard, M Girault - Proceedings of the 5th conference on Smart Card Research and ..., 2002 - portal.acm.org

... is easily solved when using tamper-resistant devices. ... a limited number of values to encrypt, instead of ... man-ager can efficiently and securely revoke group mem ...

Cited by 5 - Related articles - Web Search - All 3 versions

Zero-interaction authentication - ►sigmobile.org [PDF]

MD Corner, BD Noble - Proceedings of the 8th annual international conference on ..., 2002 - portal.acm.org

... To distribute a new group key, the administrative authority must supply a cer ... be an exchange of nonces [5]: the device sends a num-ber, n, encrypted with the ...

Cited by 94 - Related articles - Web Search - All 33 versions

A Revocation Scheme with Minimal Storage at Receivers

T Asano - LECTURE NOTES IN COMPUTER SCIENCE, 2002 - Springer

... is required for decryption or encryption of the ... contract this receiver will be revoked, and as ... general receivers (eg consumer electronics devices), the easiest ...

Cited by 42 - Related articles - Web Search - BL Direct - All 5 versions

Recommendations in using group key management algorithms

W Chen, LR Dondeti - DARPA Information Survivability Conference and Exposition, ..., 2003 - ieeeexplora.ieee.org

... sent when member \tilde{N} is revoked later (shown in Fig-ure 2(b)), since ... key- oriented, ie, each message contains a single key (the group key) encrypted by another ...

Cited by 4 - Related articles - Web Search - All 4 versions

Digital rights management in a 3G mobile phone and beyond - ►sinica.edu.tw [PDF]

TS Messerges, EA Dabbish - Proceedings of the 3rd ACM workshop on Digital rights ..., 2003 - portal.acm.org

... Protected content is encrypted using a symmetric-key algorithm ... For example, when a device is configured to work ... Also, when a certificate is revoked or updated ...

Cited by 24 - Related articles - Web Search - All 6 versions

A secure wireless agent-based testbed - ►datafusionlab.com [PDF]

G Anderson, L Urbano, G Naik, D Dorsey, A ... - Information Assurance Workshop, 2004. Proceedings. Second ..., 2004 - ieeeexplora.ieee.org

... is facilitated by EMAA, which deploys encrypted agents to ... However, a mobile device can only display the list of ... revoke a member by instructing the SEM to stop ...

Cited by 3 - Related articles - Web Search - All 9 versions

Scalable cryptographic key management in wireless sensor networks

A Wadaa, S Olariu, L Wilson, M Eltoweissy - Proc. of the 24th Intl. Conf. on Distributed Computing ..., 2004 - doi.ieeeecomputersociety.org

... a combinatorial formulation of the group key management problem ... are mass-produced anonymous commodity devices that are ... is through the use of message encryption. ...

Cited by 19 - Related articles - Web Search - All 5 versions

Efficient State Updates for Key Management - ► [pinkas.net \[PDF\]](#)B Pinkas - Proceedings of the IEEE, 2004 - [ieeexplore.ieee.org](#)

... music from one device to the other), and when they ... can be traced back to the broadcast encryption scheme of ... and Wong and Lam [17], enables to revoke any number ...

Cited by 24 - Related articles - Web Search - BL Direct - All 14 versions

Design of Self-Healing Key Distribution Schemes - ► [unisa.it \[PDF\]](#)

C Biundo, PD'Arco, A De Santis, M Listo - Designs, Codes and Cryptography, 2004 - Springer

... could be a need for adding new devices at any ... Broadcast encryption is one of the closest area to the ... up and manages, by means of join and revoke operations, a ...

Cited by 23 - Related articles - Web Search - BL Direct - All 7 versions

Decentralized Authentication Mechanisms for Object-based Storage Devices - ► [umn.edu](#)

[PDF]

V Kher, Y Kim - Security in Storage Workshop, 2003. SISW'03. Proceedings of ..., 2003 - [ieeexplore.ieee.org](#)

... further extended CFS by making file encryption transparent to ... file manager can instantaneously revoke the client. ... NASD devices are unaware of the file system ...

Cited by 5 - Related articles - Web Search - All 7 versions

System for enabling lazy-revocation through recursive key generation

M Kallahalla, E Riedel, R Swaminathan - US Patent App. 09/984,927, 2001 - Google Patents

... key generation technique, an owner may revoke a user ... security module 115 to access the encrypted files. ... may be implemented as an electronic device utilizing an ...

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Key authors: [D Naor](#) - [M Naor](#) - [J Lotspiech](#) - [D Liu](#) - [P Ning](#)Did you mean to search for: encrypted device revoke "group key"

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